

§ 3483.5

43 CFR Ch. II (10–1–08 Edition)

coal lease or LMU shall be used to reduce a production royalty pursuant to paragraph (e) of this section after the 20th year of the Federal coal lease or LMU. For purposes of this paragraph, the initial 20-year term of a Federal lease shall commence on the effective date of the Federal lease for all Federal leases issued after August 4, 1976; on the effective date of the first lease readjustment after August 4, 1976, for all Federal leases issued prior to August 4, 1976; and on the effective date of LMU approval for all LMU's. Any advance royalty paid on a Federal lease prior to its inclusion in an LMU shall be credited to the LMU and shall be considered to have been paid on the date of LMU approval for the purposes of this paragraph, provided that the Federal lease has been included in an LMU within the initial 20-year term of the Federal lease as determined in this paragraph and to the extent that the advance royalty has not already been credited against production royalty on the Federal lease.

(g) If an operator/lessee fails to make an approved advance royalty payment in any continued operation year, the authorized officer shall inform the operator/lessee in writing that the operator/lessee is in violation of the continued operation requirement. If the operator/lessee then fails to comply with 30 CFR 218.200, the Federal lease or LMU shall be subject to cancellation pursuant to § 3483.2 of this title.

[47 FR 33179, July 30, 1982; 47 FR 53366, Nov. 26, 1982. Redesignated at 48 FR 41589, Sept. 16, 1983]

§ 3483.5 Crediting of production toward diligent development.

(a) For Federal coal leases issued after August 4, 1976, all production after the effective date of the Federal lease shall be credited toward diligent development.

(b) For Federal coal leases issued prior to August 4, 1976, all production after the effective date of the first lease readjustment after August 4, 1976, shall be credited toward diligent development.

(c) For Federal coal leases issued prior to August 4, 1976, that have not been readjusted after August 4, 1976, if the operator/lessee has elected under

§ 3483.1 of this title to be subject to the diligent development and continued operation requirements of the rules of this part, all production after the effective date of the operator/lessee's election shall be applied toward diligent development.

(d) For Federal coal leases issued prior to August 4, 1976, that have not been readjusted after August 4, 1976, if the operator/lessee has elected under § 3483.1 of this title to be subject to the diligent development and continued operation requirements of the rules of this part, all production after August 4, 1976, that occurred prior to the effective date of the operator/lessee's election shall be applied toward diligent development if the operator/lessee so requests.

(e) For Federal coal leases issued prior to August 4, 1976, that have been readjusted after August 4, 1976, all production after August 4, 1976, that occurred prior to the effective date of the first lease readjustment after August 4, 1976, shall be applied toward diligent development if the operator/lessee so requests. Such a request shall comply with the election application provisions at § 3483.1(b)(1) of this title. Any production after such readjustment shall be applied toward diligent development pursuant to paragraph (b) of this section.

(f) For Federal coal leases issued prior to August 4, 1976, that are governed by the Federal lease clauses which describe the minimum production requirements until the first lease readjustment after August 4, 1976, no production prior to the effective date of that first Federal lease readjustment shall be applied toward diligent development.

(g) For LMU's, any production credited under the rules of this part to a Federal lease prior to its inclusion in the LMU shall be applied toward diligent development for the LMU.

§ 3483.6 Special logical mining unit rules.

(a) Production anywhere within the LMU, of either Federal or non-Federal recoverable coal reserves or a combination thereof, shall be applied toward satisfaction of the requirements of the rules of this part for achievement of

diligent development and continued operation for the LMU.

(b) The dates for submission of a resource recovery and protection plan and achievement of diligent development shall not be changed by any enlargement or diminution of the LMU.

Subpart 3484—Performance Standards

§ 3484.1 Performance standards for exploration and surface and underground mining.

The following performance standards shall apply to exploration, development, production, resource recovery and protection, MER, and preparation and handling of coal under Federal leases and licenses, and LMU's.

(a) *Performance standards for exploration.* (1) The operator/lessee shall comply with the standards of the rules of this part and with all applicable requirements of the surface management agency, 30 CFR 815.15, or an approved State program.

(2) The operator/lessee, if required by the authorized officer, shall set and cement casing in the hole and install suitable blowout prevention equipment when drilling on lands valuable or prospectively valuable for oil, gas, or geothermal resources.

(3) All exploration drill holes must be capped with at least 5 feet of cement and plugged with a permanent plugging material that is unaffected by water and hydrocarbon gases and will prevent the migration of gases and water in the drill hole under normal hole pressures. For exploration holes drilled deeper than stripping limits, the operator/lessee, using cement or other suitable plugging material approved by the authorized officer, shall plug the hole through the thickness of the coal bed(s) or mineral deposit(s) and through aquifers for a distance of at least 50 feet above and below the coal bed(s) or mineral deposit(s) and aquifers, or to the bottom of the drill hole. A lesser cap or plug may be approved by the authorized officer. Exploration activities shall be managed to prevent water pollution and mixing of ground and surface waters and ensure the safety of people, livestock, and wildlife.

(4) The operator/lessee shall retain for 1 year, unless a shorter time period is authorized by the authorized officer, all drill and geophysical logs and shall make such logs available for inspection or analysis by the authorized officer, if requested. The authorized officer, at his discretion, may require the operator/lessee to retain representative samples of drill cores for 1 year. Confidentiality of such information will be accorded pursuant to the provisions at § 3481.3 of this title.

(5) The operator/lessee may utilize exploration drill holes as surveillance wells for the purpose of monitoring the effects of subsequent operations on the quantity, quality, or pressure of ground water or mine gases only with the written approval of the authorized officer, in consultation with the regulatory authority. The operator/lessee may convert exploration drill holes to water wells only after approval of the operator/lessee's written request by the authorized officer and the surface owner or authorized officer, in consultation with the regulatory authority. All such approvals shall be accompanied by a corresponding transfer of responsibility for any liability including eventual plugging, reclamation, and abandonment. Nothing in this paragraph shall supersede or affect the applicability of any State law requirements for such a transfer, conversion, or utilization as a supply for domestic consumption.

(b) *General performance standards for surface and underground mining—(1) Maximum economic recovery (MER).* Upon approval of a resource recovery and protection plan for an LMU, or for a Federal lease issued or readjusted after August 4, 1976, the operator/lessee shall conduct operations to achieve MER of the Federal coal. To determine that MER of the Federal coal will be achieved, the authorized officer shall consider the information submitted by the operator/lessee under § 3482.1(c) and/or § 3487.1(c) of this title. The authorized officer may request additional information from the operator/lessee to aid in the MER determination. The operator/lessee shall consider coal preparation operations to avoid the wasting of coal and to encourage the achievement of MER. Federal leases issued